

updated search history (25 p.) (2/20/4).

| L Number | Hits | Search Text                                                                                                                                                                                                                                                                      | DB                                                      | Time stamp       |
|----------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| 4        | 2878 | ((257/213) or (257/288) or (257/327) or (257/335) or (257/339) or (257/355) or (257/653) or (257/654)).CCLS.                                                                                                                                                                     | USPAT;<br>US-PGPUB                                      | 2004/02/20 17:04 |
| 5        | 1816 | ((257/213) or (257/288) or (257/327) or (257/335) or (257/339) or (257/355) or (257/653) or (257/654)).CCLS.) and (dmos dmosfet dtmos dtmosfet buried body opening slit gap)                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 17:07 |
| 6        | 984  | ((257/213) or (257/288) or (257/327) or (257/335) or (257/339) or (257/355) or (257/653) or (257/654)).CCLS.) and (dmos dmosfet dtmos dtmosfet buried body opening slit gap).ti,ab,clm.                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/20 17:07 |
| -        | 0    | ("dmos.ti,ab. and buried.ti,ab. and depletion.ti,ab.").PN.                                                                                                                                                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/24 09:35 |
| -        | 3    | dmos.ti,ab. and buried.ti,ab. and depletion.ti,ab.                                                                                                                                                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/06 15:09 |
| -        | 2    | jp-02122672\$-\$\$.did.                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/06 15:02 |
| -        | 2    | jp-08321606\$-\$\$.did.                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/06 15:02 |
| -        | 78   | dmos.ti,ab. and buried.ti,ab.                                                                                                                                                                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/06 15:09 |
| -        | 19   | dmos.ti,ab. and buried.ti,ab.                                                                                                                                                                                                                                                    | USPAT                                                   | 2002/01/06 15:11 |
| -        | 0    | dmos.ti,ab. and buried.ti,ab. and withstand adj2 voltage.ti,ab.                                                                                                                                                                                                                  | USPAT                                                   | 2002/01/06 15:12 |
| -        | 1    | dmos.ti,ab. and buried.ti,ab. and withstand adj2 voltage                                                                                                                                                                                                                         | USPAT                                                   | 2002/01/06 15:29 |
| -        | 500  | (257/335).CCLS.                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/06 15:31 |
| -        | 13   | ((("257/213").CCLS.) or ("257/288").CCLS.) or ("257/327").CCLS.) or ("257/335").CCLS.) or ("257/339").CCLS.) or ("257/355").CCLS.) and buried.clm. and (dmos or dmosfet).ti,ab.                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/20 16:19 |
| -        | 74   | ((("257/213").CCLS.) or ("257/288").CCLS.) or ("257/327").CCLS.) or ("257/335").CCLS.) or ("257/339").CCLS.) or ("257/355").CCLS.) and buried.clm. and (dmos or dmosfet or fet or field adj effect adj transistor or mos or mosfet or nmso or nmosfet or pmos or pmosfet).ti,ab. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/06 15:34 |
| -        | 75   | ((("257/213").CCLS.) or ("257/288").CCLS.) or ("257/327").CCLS.) or ("257/335").CCLS.) or ("257/339").CCLS.) or ("257/355").CCLS.) and buried.clm. and (dmos or dmosfet or fet or field adj effect adj transistor or mos or mosfet or nmos or nmosfet or pmos or pmosfet).ti,ab. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/06 17:55 |

|   |     |                                                                                                                               |                                                         |                  |
|---|-----|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 1   | 5742087.pn. and depletion                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 18:11 |
| - | 72  | (first adj buried and second adj buried).clm. and (breakdown adj voltage or withstand adj voltage)                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 18:13 |
| - | 18  | (first adj buried and second adj buried).clm. and (breakdown adj voltage or withstand adj voltage) and impurity and switching | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 18:27 |
| - | 122 | (first adj buried and second adj buried) and (breakdown adj voltage or withstand adj voltage)                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 10:32 |
| - | 987 | switching near10 diode and 257/\$6.ccls.                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 20:09 |
| - | 987 | (switching near10 diode) and 257/\$6.ccls.                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 20:09 |
| - | 203 | (switching adj2 diode) and 257/\$6.ccls.                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 20:09 |
| - | 38  | (switching adj2 diode).ti,ab. and 257/\$6.ccls.                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 20:21 |
| - | 0   | (switching adj2 diode).ti,ab. and 257/\$6.ccls. and galbiati.in.                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 20:22 |
| - | 0   | (switching adj2 diode).ti,ab. and 257/\$6.ccls. and ludikhuize.in.                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/06 20:23 |
| - | 61  | fifth adj impurity.clm. and 257/\$6.ccls.                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 08:16 |
| - | 18  | (fifth adj impurity.clm. and 257/\$6.ccls.) and switching                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 08:17 |
| - | 43  | (first adj impurity near12 second adj impurity) near12 surround\$3                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 10:54 |
| - | 6   | ((first adj impurity near12 second adj impurity) near12 surround\$3) and switching                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 11:42 |

|   |     |                                                                                                                                          |                                                         |                  |
|---|-----|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 12  | (buried adj region near10 gap) and (257/\$6.ccls. or 438/\$6.ccls.)                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 11:43 |
| - | 3   | 5874767.pn.                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 14:28 |
| - | 298 | ((slit or gap or opening) near10 buried) and (withstand or breakdown) adj voltage                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 14:31 |
| - | 273 | ((slit or gap or opening) near10 buried) and (withstand or breakdown) adj voltage and (438/\$6.ccls. or 257/\$6.ccls.)                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 14:33 |
| - | 52  | ((slit or gap) near10 buried) and (withstand or breakdown) adj voltage and (438/\$6.ccls. or 257/\$6.ccls.)                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 14:40 |
| - | 14  | ((slit or gap) near10 buried adj2 (region or layer)) and (withstand or breakdown) adj voltage and (438/\$6.ccls. or 257/\$6.ccls.)       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 14:45 |
| - | 14  | ((slit or gap) near10 buried adj2 ("regions" or "layers")) and (withstand or breakdown) adj voltage and (438/\$6.ccls. or 257/\$6.ccls.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 15:32 |
| - | 382 | (257/653).CCLS.                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 15:32 |
| - | 101 | (257/654).CCLS.                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 15:32 |
| - | 7   | ((("257/653").CCLS.) or ("257/654").CCLS.)) and buried and (slit or gap)                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 15:33 |
| - | 472 | ((("257/653").CCLS.) or ("257/654").CCLS.)                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 17:19 |
| - | 220 | buried adj2 ("regions" or "layers") same (recess\$3 or indent\$5 or gap)                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 16:26 |
| - | 70  | buried adj2 ("regions" or "layers") near12 (recess\$3 or indent\$5 or gap)                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 16:26 |
| - | 20  | buried adj2 ("regions" or "layers") near12 (recess\$3 or indent\$5 or gap) and 257/\$6.ccls.                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/01/07 16:27 |

|   |      |                                                                                                                                                                                                                              |                                                         |                  |
|---|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 209  | ((("257/653").CCLS.) or (("257/654").CCLS.))                                                                                                                                                                                 | JPO;<br>DERWENT;<br>IBM_TDB                             | 2002/01/07 16:30 |
| - | 209  | ((("257/653").CCLS.) or (("257/654").CCLS.))                                                                                                                                                                                 | JPO                                                     | 2002/01/07 16:30 |
| - | 22   | ((("257/653").CCLS.) or<br>(("257/654").CCLS.)) and buried                                                                                                                                                                   | JPO                                                     | 2002/01/07 16:33 |
| - | 1    | ((("257/653").CCLS.) or<br>(("257/654").CCLS.)) and buried and (slit<br>or gap or opening)                                                                                                                                   | JPO                                                     | 2002/01/07 16:33 |
| - | 27   | ((("257/213").CCLS.) or<br>(("257/288").CCLS.) or (("257/327").CCLS.)<br>or (("257/335").CCLS.) or<br>(("257/339").CCLS.) or<br>(("257/355").CCLS.)) and (buried adj2<br>(region or layer) same (gap or opening or<br>slit)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 17:12 |
| - | 16   | ((("257/213").CCLS.) or<br>(("257/288").CCLS.) or (("257/327").CCLS.)<br>or (("257/335").CCLS.) or<br>(("257/339").CCLS.) or<br>(("257/355").CCLS.)) and (buried same<br>thickness same increase)                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 17:12 |
| - | 21   | ((("257/653").CCLS.) or<br>(("257/654").CCLS.)) and (buried same<br>thickness)                                                                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 17:20 |
| - | 5    | ((("257/653").CCLS.) or<br>(("257/654").CCLS.)) and (buried same<br>thickness same (greater or increase\$1))                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 17:22 |
| - | 0    | 5629558.PN. and (thick\$4 same buried)                                                                                                                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 17:22 |
| - | 1    | 5629558.PN. and thick\$4                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 17:22 |
| - | 3222 | ((("257/213").CCLS.) or (("257/288").CCLS.)<br>or (("257/327").CCLS.) or<br>(("257/335").CCLS.) or (("257/339").CCLS.)<br>or (("257/355").CCLS.))                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 18:50 |
| - | 2    | 6175143.pn.                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 18:52 |
| - | 2    | 6177712.pn.                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 19:45 |
| - | 15   | (lateral adj2 field adj effect and<br>switching).ti,ab.                                                                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/07 20:35 |
| - | 5    | ((("5629558") or ("5940700") or ("5874767")<br>or ("4485392") or ("6127695")).PN.                                                                                                                                            | USPAT                                                   | 2002/01/07 20:36 |
| - | 398  | (257/213).CCLS.                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 18:34 |

|   |      |                                                                                                                                                                                                                  |                                                         |                  |
|---|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 733  | (257/288).CCLS.                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 18:35 |
| - | 362  | (257/327).CCLS.                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 18:35 |
| - | 456  | (257/339).CCLS.                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 18:35 |
| - | 1054 | (257/355).CCLS.                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 18:36 |
| - | 154  | ((("257/213").CCLS.) or<br>(("257/288").CCLS.) or (("257/327").CCLS.)<br>or (("257/335").CCLS.) or<br>(("257/339").CCLS.) or<br>(("257/355").CCLS.)) and buried.clm.                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/03 08:42 |
| - | 71   | ((("257/213").CCLS.) or<br>(("257/288").CCLS.) or (("257/327").CCLS.)<br>or (("257/335").CCLS.) or<br>(("257/339").CCLS.) or<br>(("257/355").CCLS.)) and buried.clm. and<br>switch\$3                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 19:16 |
| - | 4    | ((("257/213").CCLS.) or<br>(("257/288").CCLS.) or (("257/327").CCLS.)<br>or (("257/335").CCLS.) or<br>(("257/339").CCLS.) or<br>(("257/355").CCLS.)) and buried.clm. and<br>(gate near4 connect\$3 near4 buried) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 19:37 |
| - | 7    | ((("257/213").CCLS.) or<br>(("257/288").CCLS.) or (("257/327").CCLS.)<br>or (("257/335").CCLS.) or<br>(("257/339").CCLS.) or<br>(("257/355").CCLS.)) and buried adj<br>contact near3 gate                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 19:43 |
| - | 1    | dtmos and buried adj contact                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 19:45 |
| - | 5    | dtmos and buried near3 gate                                                                                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 19:47 |
| - | 0    | advantage and dtmos and buried near3 gate                                                                                                                                                                        | DERWENT                                                 | 2002/06/02 19:48 |
| - | 470  | advantage and buried near12 gate                                                                                                                                                                                 | DERWENT                                                 | 2002/06/02 19:48 |
| - | 86   | advantage and buried adj contact near12<br>gate                                                                                                                                                                  | DERWENT                                                 | 2002/06/02 19:48 |
| - | 68   | advantage and buried adj contact near6<br>gate                                                                                                                                                                   | DERWENT                                                 | 2002/06/02 20:08 |
| - | 0    | (buried or body) adj (contact or bias)<br>near12 gate and dtmos                                                                                                                                                  | DERWENT                                                 | 2002/06/02 20:09 |
| - | 0    | (buried or body) adj (contact or bias)<br>near12 gate and 257/\$6.ccls.                                                                                                                                          | DERWENT                                                 | 2002/06/02 20:10 |
| - | 195  | (buried or body) adj (contact or bias)<br>near12 gate                                                                                                                                                            | DERWENT                                                 | 2002/06/02 20:12 |
| - | 939  | (buried or body) adj (contact or bias)<br>near12 gate                                                                                                                                                            | USPAT;<br>DERWENT                                       | 2002/06/02 20:40 |
| - | 0    | (buried or body) adj (contact or bias)<br>near12 gate and 5348714.pn.                                                                                                                                            | USPAT;<br>DERWENT                                       | 2002/06/02 20:27 |
| - | 2    | (buried or body) adj (contact or bias)<br>near12 gate and 6348714.pn.                                                                                                                                            | USPAT;<br>DERWENT                                       | 2002/06/02 20:27 |

|   |     |                                                                                                                                                                          |                                                         |                  |
|---|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 416 | (buried or body) adj (contact or bias) near3 gate                                                                                                                        | USPAT;<br>DERWENT                                       | 2002/06/02 20:40 |
| - | 69  | (buried or body) adj (contact or bias) near3 connect\$3 near3 gate                                                                                                       | USPAT;<br>DERWENT                                       | 2002/06/02 21:16 |
| - | 56  | (buried) adj (contact or bias) near3 connect\$3 near3 gate                                                                                                               | USPAT;<br>DERWENT                                       | 2002/06/02 20:43 |
| - | 3   | ("5895939").PN.                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 21:27 |
| - | 0   | parasitic adj capacitance near12 buried adj contact near12 (vertical adj field adj effect or v-fet or v-igbt)                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 21:29 |
| - | 1   | parasitic adj capacitance near12 (vertical adj field adj effect or v-fet or v-igbt)                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 21:44 |
| - | 134 | t-gate.ti,ab.                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 22:26 |
| - | 0   | t-gate.ti,ab. and buried near4 contact                                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 21:45 |
| - | 0   | t-gate.ti,ab. and buried near6 contact                                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 21:45 |
| - | 0   | vertical adj DMOSFET near10 "in series"                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 22:26 |
| - | 0   | vertical adj MOSFET near10 "in series"                                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 22:27 |
| - | 0   | (VMOSFET or vertical adj MOSFET) near10 "in series"                                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 22:27 |
| - | 1   | (FET or transistor) near10 "in series"                                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 22:45 |
| - | 2   | ("6348714").PN.                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/02 22:45 |
| - | 65  | ((("257/213").CCLS.) or ("257/288").CCLS.) or ("257/327").CCLS.) or ("257/335").CCLS.) or ("257/339").CCLS.) or ("257/355").CCLS.) and transistor and depletion adj mode | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/03 09:28 |
| - | 9   | ((("5895939") or ("6348714") or ("6051457") or ("6291862"))).PN.                                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/06/03 09:29 |

|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                         |                  |
|---|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 4  | ((("5895939") or ("6348714") or ("6051457") or ("6291862"))).PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT                                                   | 2002/06/03 09:29 |
| - | 0  | ("hirano.in. and multiple adj stages.ti. ").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EPO;<br>DERWENT                                         | 2002/06/03 09:30 |
| - | 3  | hirano.in. and multiple adj stages.ti.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/06/03 09:30 |
| - | 3  | hirano.in. and multiple adj stages.ti.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/06/03 09:31 |
| - | 10 | hwang.in. and parasitic adj capacitance.ab.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EPO; JPO;<br>DERWENT                                    | 2002/06/03 09:39 |
| - | 2  | ("6051457").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/06/03 09:39 |
| - | 19 | thermonuclear adj device.ti,ab.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/06/03 13:06 |
| - | 8  | thermonuclear adj fusion adj device.ti,ab.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/06/03 13:08 |
| - | 78 | (376/121).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/06/03 13:08 |
| - | 3  | ("5719411").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2002/06/03 15:06 |
| - | 54 | (US-5654574-\$ or US-5742087-\$ or US-4485392-\$ or US-5374843-\$ or US-5397905-\$ or US-5256893-\$ or US-6262453-\$ or US-6252279-\$ or US-6072216-\$ or US-5386136-\$ or US-4901131-\$ or US-4661838-\$ or US-5581103-\$ or US-5545909-\$ or US-6329260-\$ or US-6208010-\$ or US-5895939-\$ or US-6271551-\$ or US-6207994-\$ or US-5777362-\$ or US-6121640-\$ or US-5940700-\$ or US-5629558-\$ or US-5859457-\$ or US-5751054-\$ or US-5338961-\$).did. or (US-5191396-\$ or US-6288424-\$ or US-6297530-\$ or US-6268626-\$ or US-6194761-\$ or US-6194760-\$ or US-6225642-\$ or US-5874767-\$ or US-5665994-\$ or US-6307244-\$ or US-5899714-\$ or US-6291862-\$ or US-6091108-\$ or US-6051457-\$ or US-6127695-\$ or US-6355508-\$ or US-5691234-\$ or US-5907174-\$ or US-6168983-\$).did. or (US-20020017683-\$).did. or (EP-252173-\$).did. or (JP-02122672-\$ or JP-08321606-\$ or JP-09260520-\$ or JP-2000164737-\$).did. or (RD-359040-\$ or US-6057198-\$ or EP-817387-\$).did. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT             | 2002/12/18 11:58 |

|   |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                         |                  |
|---|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 3    | 834954.ap.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/04 16:32 |
| - | 55   | (US-6262453-\$ or US-6297530-\$ or<br>US-6194761-\$ or US-6194760-\$ or<br>US-5899714-\$ or US-5859457-\$ or<br>US-6268626-\$ or US-5874767-\$ or<br>US-5665994-\$ or US-6225642-\$ or<br>US-6288424-\$ or US-6307244-\$ or<br>US-5654574-\$ or US-6271551-\$ or<br>US-6207994-\$ or US-6168983-\$ or<br>US-5907174-\$ or US-5895939-\$ or<br>US-4485392-\$ or US-5386136-\$ or<br>US-4661838-\$ or US-6329260-\$ or<br>US-6121640-\$ or US-6208010-\$ or<br>US-5940700-\$ or US-6291862-\$).did. or<br>(US-6091108-\$ or US-6051457-\$ or<br>US-6127695-\$ or US-6355508-\$ or<br>US-5691234-\$ or US-5777362-\$ or<br>US-5629558-\$ or US-5397905-\$ or<br>US-5256893-\$ or US-5374843-\$ or<br>US-5751054-\$ or US-5742087-\$ or<br>US-5581103-\$ or US-5545909-\$ or<br>US-5191396-\$ or US-5338961-\$ or<br>US-4901131-\$ or US-6072216-\$ or<br>US-6252279-\$).did. or (US-20020017683-\$ or<br>US-20020060341-\$).did. or<br>(EP-252173-\$).did. or (JP-08321606-\$ or<br>JP-02122672-\$ or JP-2000164737-\$ or<br>JP-09260520-\$).did. or (US-6057198-\$ or<br>EP-817387-\$ or RD-359040-\$).did. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT             | 2003/03/04 16:37 |
| - | 4248 | ((257/213) or (257/288) or (257/327) or<br>(257/335) or (257/339) or (257/355) or<br>(257/653) or (257/654)).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:12 |
| - | 32   | resurf.ti,ab,clm. and (dmos or<br>dmosfet).ti,ab,clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:00 |
| - | 18   | resurf.ti,ab,clm. and (dmos or<br>dmosfet).ti,ab,clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT                                                   | 2003/03/05 09:00 |
| - | 6    | ((257/213) or (257/288) or (257/327) or<br>(257/335) or (257/339) or (257/355) or<br>(257/653) or (257/654)).CCLS.) and<br>(resurf.ti,ab,clm. and (dmos or<br>dmosfet).ti,ab,clm.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT                                                   | 2003/03/05 09:00 |
| - | 12   | (resurf.ti,ab,clm. and (dmos or<br>dmosfet).ti,ab,clm.) not (((257/213) or<br>(257/288) or (257/327) or (257/335) or<br>(257/339) or (257/355) or (257/653) or<br>(257/654)).CCLS.) and (resurf.ti,ab,clm.<br>and (dmos or dmosfet).ti,ab,clm.))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT                                                   | 2003/03/05 09:01 |
| - | 4442 | ((257/213) or (257/288) or (257/327) or<br>(257/335) or (257/343) or (257/339) or<br>(257/355) or (257/653) or (257/654)).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:13 |
| - | 10   | ((257/213) or (257/288) or (257/327) or<br>(257/335) or (257/343) or (257/339) or<br>(257/355) or (257/653) or<br>(257/654)).CCLS.) and (resurf.ti,ab,clm.<br>and (dmos or dmosfet).ti,ab,clm.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:20 |
| - | 435  | (257/213).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:22 |



|   |      |                                                                                                                                                                             |                                                         |                  |
|---|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 44   | ((257/213).CCLS.) and buried                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:22 |
| - | 44   | ((257/213).CCLS.) and (resurf or buried)                                                                                                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:32 |
| - | 852  | (257/288).CCLS.                                                                                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:33 |
| - | 834  | ((257/288).CCLS.) not ((257/213).CCLS.)                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:33 |
| - | 110  | ((257/288).CCLS.) not ((257/213).CCLS.)<br>and (buried or resurf)                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:44 |
| - | 931  | ((257/327) or (257/335)).CCLS.                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 09:44 |
| - | 221  | ((257/327) or (257/335)).CCLS.) and<br>(buried or resurf)                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 10:18 |
| - | 746  | ((257/339) or (257/343)).CCLS.                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 10:18 |
| - | 219  | ((257/339) or (257/343)).CCLS.) and<br>(buried or resurf)                                                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 10:18 |
| - | 185  | (((((257/339) or (257/343)).CCLS.) and<br>(buried or resurf)) not ((257/213).CCLS.)<br>not ((257/288).CCLS.) not ((257/327) or<br>(257/335)).CCLS.)                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 10:56 |
| - | 1687 | ((257/355) or (257/653) or<br>(257/654)).CCLS.                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 10:57 |
| - | 245  | ((257/355) or (257/653) or<br>(257/654)).CCLS.) and (buried or resurf)                                                                                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 10:57 |
| - | 2812 | ((257/213) or (257/288) or (257/327) or<br>(257/335) or (257/339) or (257/343)).CCLS.                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 10:58 |
| - | 225  | (((((257/355) or (257/653) or<br>(257/654)).CCLS.) and (buried or resurf))<br>not ((257/213) or (257/288) or (257/327)<br>or (257/335) or (257/339) or<br>(257/343)).CCLS.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 14:06 |

|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                         |                  |
|---|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 2  | ("5899714").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/03/05 15:19 |
| - | 71 | (US-5397905-\$ or US-5545909-\$ or<br>US-6207994-\$ or US-5338961-\$ or<br>US-6168983-\$ or US-5191396-\$ or<br>US-4901131-\$ or US-5751054-\$ or<br>US-5907174-\$ or US-5581103-\$ or<br>US-5374843-\$ or US-5256893-\$ or<br>US-6208010-\$ or US-6121640-\$ or<br>US-5940700-\$ or US-5629558-\$ or<br>US-4485392-\$ or US-6329260-\$ or<br>US-6091108-\$ or US-6072216-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5386136-\$ or US-4661838-\$ or<br>US-5899714-\$ or US-5874767-\$).did. or<br>(US-5665994-\$ or US-6472710-\$ or<br>US-6359318-\$ or US-6313484-\$ or<br>US-6236084-\$ or US-6355508-\$ or<br>US-5691234-\$ or US-6124615-\$ or<br>US-6060752-\$ or US-6057578-\$ or<br>US-6271551-\$ or US-6268626-\$ or<br>US-6194761-\$ or US-6194760-\$ or<br>US-5859457-\$ or US-5777362-\$ or<br>US-5654574-\$ or US-6291862-\$ or<br>US-6051457-\$ or US-6127695-\$ or<br>US-6262453-\$ or US-6252279-\$ or<br>US-6225642-\$ or US-6297530-\$ or<br>US-6288424-\$ or US-6307244-\$ or<br>US-6404009-\$).did. or (US-20020047125-\$ or<br>US-20020179942-\$ or US-20020060341-\$ or<br>US-20020158277-\$ or US-20020017683-\$).did.<br>or (EP-252173-\$ or EP-574911-\$).did. or<br>(JP-02122672-\$ or JP-08321606-\$ or<br>JP-2000164737-\$ or JP-09260520-\$ or<br>JP-01144683-\$ or JP-58161357-\$ or<br>JP-63300553-\$ or JP-54146976-\$).did. or<br>(RD-359040-\$ or US-6057198-\$ or<br>EP-817387-\$).did. | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT             | 2003/03/05 14:31 |

|   |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                         |                  |
|---|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 33   | ((US-5397905-\$ or US-5545909-\$ or<br>US-6207994-\$ or US-5338961-\$ or<br>US-6168983-\$ or US-5191396-\$ or<br>US-4901131-\$ or US-5751054-\$ or<br>US-5907174-\$ or US-5581103-\$ or<br>US-5374843-\$ or US-5256893-\$ or<br>US-6208010-\$ or US-6121640-\$ or<br>US-5940700-\$ or US-5629558-\$ or<br>US-4485392-\$ or US-6329260-\$ or<br>US-6091108-\$ or US-6072216-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5386136-\$ or US-4661838-\$ or<br>US-5899714-\$ or US-5874767-\$).did. or<br>(US-5665994-\$ or US-6472710-\$ or<br>US-6359318-\$ or US-6313484-\$ or<br>US-6236084-\$ or US-6355508-\$ or<br>US-5691234-\$ or US-6124615-\$ or<br>US-6060752-\$ or US-6057578-\$ or<br>US-6271551-\$ or US-6268626-\$ or<br>US-6194761-\$ or US-6194760-\$ or<br>US-5859457-\$ or US-5777362-\$ or<br>US-5654574-\$ or US-6291862-\$ or<br>US-6051457-\$ or US-6127695-\$ or<br>US-6262453-\$ or US-6252279-\$ or<br>US-6225642-\$ or US-6297530-\$ or<br>US-6288424-\$ or US-6307244-\$ or<br>US-6404009-\$).did. or (US-20020047125-\$ or<br>US-20020179942-\$ or US-20020060341-\$ or<br>US-20020158277-\$ or US-20020017683-\$).did.<br>or (EP-252173-\$ or EP-574911-\$).did. or<br>(JP-02122672-\$ or JP-08321606-\$ or<br>JP-2000164737-\$ or JP-09260520-\$ or<br>JP-01144683-\$ or JP-58161357-\$ or<br>JP-63300553-\$ or JP-54146976-\$).did. or<br>(RD-359040-\$ or US-6057198-\$ or<br>EP-817387-\$).did.) and depletion | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/05 14:32 |
| - | 2    | ("5895939").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/05 15:33 |
| - | 2    | ("6051457").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/05 15:52 |
| - | 2    | ("6291862").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/03/05 15:52 |
| - | 2    | ("6051457").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/19 11:44 |
| - | 2    | ("6051457").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/20 15:31 |
| - | 3911 | ((("257/213").CCLS.) or<br>(("257/288").CCLS.) or (("257/327").CCLS.)<br>or (("257/335").CCLS.) or<br>(("257/339").CCLS.) or<br>(("257/355").CCLS.))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/20 16:20 |
| - | 616  | ((("257/213").CCLS.) or<br>(("257/288").CCLS.) or (("257/327").CCLS.)<br>or (("257/335").CCLS.) or<br>(("257/339").CCLS.) or<br>(("257/355").CCLS.)) ) and buried                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/20 16:56 |

|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |                  |
|---|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
| - | 73 | (US-6051457-\$ or US-4661838-\$ or<br>US-4901131-\$ or US-5191396-\$ or<br>US-5545909-\$ or US-5801420-\$ or<br>US-6313484-\$ or US-6472710-\$ or<br>US-6404009-\$ or US-5691234-\$ or<br>US-6355508-\$ or US-6359318-\$ or<br>US-6127695-\$ or US-6057578-\$ or<br>US-6091108-\$ or US-6236084-\$ or<br>US-6291862-\$ or US-5899714-\$ or<br>US-6307244-\$ or US-6072216-\$ or<br>US-6262453-\$ or US-6252279-\$ or<br>US-5338961-\$ or US-4485392-\$ or<br>US-5629558-\$ or US-5751054-\$).did. or<br>(US-5940700-\$ or US-6060752-\$ or<br>US-6121640-\$ or US-6208010-\$ or<br>US-5256893-\$ or US-5374843-\$ or<br>US-5397905-\$ or US-5777362-\$ or<br>US-5859457-\$ or US-6329260-\$ or<br>US-5895939-\$ or US-5907174-\$ or<br>US-6124615-\$ or US-5581103-\$ or<br>US-5654574-\$ or US-5742087-\$ or<br>US-5665994-\$ or US-5874767-\$ or<br>US-6225642-\$ or US-6194761-\$ or<br>US-6194760-\$ or US-6268626-\$ or<br>US-6297530-\$ or US-6288424-\$ or<br>US-5386136-\$ or US-6168983-\$ or<br>US-6271551-\$).did. or (US-6207994-\$).did.<br>or (US-20020158277-\$ or US-20020179942-\$<br>or US-20020060341-\$ or US-20020017683-\$ or<br>US-20020047125-\$).did. or (EP-439899-\$ or<br>EP-252173-\$ or EP-574911-\$).did. or<br>(JP-08321606-\$ or JP-2000164737-\$ or<br>JP-09260520-\$ or JP-63300553-\$ or<br>JP-54146976-\$ or JP-58161357-\$ or<br>JP-01144683-\$ or JP-02122672-\$).did. or<br>(RD-359040-\$ or EP-817387-\$ or<br>US-6057198-\$).did. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/05/20 18:57 |
|---|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|

|   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                         |                  |
|---|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 1 | ((US-6051457-\$ or US-4661838-\$ or<br>US-4901131-\$ or US-5191396-\$ or<br>US-5545909-\$ or US-5801420-\$ or<br>US-6313484-\$ or US-6472710-\$ or<br>US-6404009-\$ or US-5691234-\$ or<br>US-6355508-\$ or US-6359318-\$ or<br>US-6127695-\$ or US-6057578-\$ or<br>US-6091108-\$ or US-6236084-\$ or<br>US-6291862-\$ or US-5899714-\$ or<br>US-6307244-\$ or US-6072216-\$ or<br>US-6262453-\$ or US-6252279-\$ or<br>US-5338961-\$ or US-4485392-\$ or<br>US-5629558-\$ or US-5751054-\$).did. or<br>(US-5940700-\$ or US-6060752-\$ or<br>US-6121640-\$ or US-6208010-\$ or<br>US-5256893-\$ or US-5374843-\$ or<br>US-5397905-\$ or US-5777362-\$ or<br>US-5859457-\$ or US-6329260-\$ or<br>US-5895939-\$ or US-5907174-\$ or<br>US-6124615-\$ or US-5581103-\$ or<br>US-5654574-\$ or US-5742087-\$ or<br>US-5665994-\$ or US-5874767-\$ or<br>US-6225642-\$ or US-6194761-\$ or<br>US-6194760-\$ or US-6268626-\$ or<br>US-6297530-\$ or US-6288424-\$ or<br>US-5386136-\$ or US-6168983-\$ or<br>US-6271551-\$).did. or (US-6207994-\$).did.<br>or (US-20020158277-\$ or US-20020179942-\$<br>or US-20020060341-\$ or US-20020017683-\$ or<br>US-20020047125-\$).did. or (EP-439899-\$ or<br>EP-252173-\$ or EP-574911-\$).did. or<br>(JP-08321606-\$ or JP-2000164737-\$ or<br>JP-09260520-\$ or JP-63300553-\$ or<br>JP-54146976-\$ or JP-58161357-\$ or<br>JP-01144683-\$ or JP-02122672-\$).did. or<br>(RD-359040-\$ or EP-817387-\$ or<br>US-6057198-\$).did.) and farrenkopf.in. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/20 18:58 |
|---|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|

|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |                  |
|---|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
| - | 73 | (US-6404009-\$ or US-6472710-\$ or<br>US-6313484-\$ or US-5777362-\$ or<br>US-6208010-\$ or US-6121640-\$ or<br>US-6060752-\$ or US-5940700-\$ or<br>US-6194760-\$ or US-6124615-\$ or<br>US-5907174-\$ or US-6262453-\$ or<br>US-6252279-\$ or US-6072216-\$ or<br>US-5386136-\$ or US-6297530-\$ or<br>US-6288424-\$ or US-6268626-\$ or<br>US-6225642-\$ or US-6194761-\$ or<br>US-5751054-\$ or US-6271551-\$ or<br>US-5374843-\$ or US-5256893-\$ or<br>US-6207994-\$ or US-6168983-\$).did. or<br>(US-5581103-\$ or US-5545909-\$ or<br>US-5338961-\$ or US-6307244-\$ or<br>US-5899714-\$ or US-6291862-\$ or<br>US-6236084-\$ or US-6091108-\$ or<br>US-6057578-\$ or US-6051457-\$ or<br>US-6127695-\$ or US-6359318-\$ or<br>US-6355508-\$ or US-5691234-\$ or<br>US-5191396-\$ or US-4901131-\$ or<br>US-4661838-\$ or US-6329260-\$ or<br>US-5859457-\$ or US-5629558-\$ or<br>US-4485392-\$ or US-5874767-\$ or<br>US-5665994-\$ or US-5801420-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5654574-\$).did. or (US-5397905-\$).did.<br>or (US-20020047125-\$ or US-20020017683-\$<br>or US-20020060341-\$ or US-20020179942-\$ or<br>US-20020158277-\$).did. or (EP-574911-\$ or<br>EP-439899-\$ or EP-252173-\$).did. or<br>(JP-2000164737-\$ or JP-09260520-\$ or<br>JP-08321606-\$ or JP-02122672-\$ or<br>JP-01144683-\$ or JP-58161357-\$ or<br>JP-54146976-\$ or JP-63300553-\$).did. or<br>(RD-359040-\$ or US-6057198-\$ or<br>EP-817387-\$).did. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/05/21 15:42 |
|---|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|

|   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |                  |
|---|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
| - | 1 | ((US-6404009-\$ or US-6472710-\$ or<br>US-6313484-\$ or US-5777362-\$ or<br>US-6208010-\$ or US-6121640-\$ or<br>US-6060752-\$ or US-5940700-\$ or<br>US-6194760-\$ or US-6124615-\$ or<br>US-5907174-\$ or US-6262453-\$ or<br>US-6252279-\$ or US-6072216-\$ or<br>US-5386136-\$ or US-6297530-\$ or<br>US-6288424-\$ or US-6268626-\$ or<br>US-6225642-\$ or US-6194761-\$ or<br>US-5751054-\$ or US-6271551-\$ or<br>US-5374843-\$ or US-5256893-\$ or<br>US-6207994-\$ or US-6168983-\$).did. or<br>(US-5581103-\$ or US-5545909-\$ or<br>US-5338961-\$ or US-6307244-\$ or<br>US-5899714-\$ or US-6291862-\$ or<br>US-6236084-\$ or US-6091108-\$ or<br>US-6057578-\$ or US-6051457-\$ or<br>US-6127695-\$ or US-6359318-\$ or<br>US-6355508-\$ or US-5691234-\$ or<br>US-5191396-\$ or US-4901131-\$ or<br>US-4661838-\$ or US-6329260-\$ or<br>US-5859457-\$ or US-5629558-\$ or<br>US-4485392-\$ or US-5874767-\$ or<br>US-5665994-\$ or US-5801420-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5654574-\$).did. or (US-5397905-\$).did.<br>or (US-20020047125-\$ or US-20020017683-\$<br>or US-20020060341-\$ or US-20020179942-\$ or<br>US-20020158277-\$).did. or (EP-574911-\$ or<br>EP-439899-\$ or EP-252173-\$).did. or<br>(JP-2000164737-\$ or JP-09260520-\$ or<br>JP-08321606-\$ or JP-02122672-\$ or<br>JP-01144683-\$ or JP-58161357-\$ or<br>JP-54146976-\$ or JP-63300553-\$).did. or<br>(RD-359040-\$ or US-6057198-\$ or<br>EP-817387-\$).did.) and nasser.in. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/05/21 15:49 |
|---|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|

|   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                         |                  |
|---|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 1   | ((US-6404009-\$ or US-6472710-\$ or<br>US-6313484-\$ or US-5777362-\$ or<br>US-6208010-\$ or US-6121640-\$ or<br>US-6060752-\$ or US-5940700-\$ or<br>US-6194760-\$ or US-6124615-\$ or<br>US-5907174-\$ or US-6262453-\$ or<br>US-6252279-\$ or US-6072216-\$ or<br>US-5386136-\$ or US-6297530-\$ or<br>US-6288424-\$ or US-6268626-\$ or<br>US-6225642-\$ or US-6194761-\$ or<br>US-5751054-\$ or US-6271551-\$ or<br>US-5374843-\$ or US-5256893-\$ or<br>US-6207994-\$ or US-6168983-\$).did. or<br>(US-5581103-\$ or US-5545909-\$ or<br>US-5338961-\$ or US-6307244-\$ or<br>US-5899714-\$ or US-6291862-\$ or<br>US-6236084-\$ or US-6091108-\$ or<br>US-6057578-\$ or US-6051457-\$ or<br>US-6127695-\$ or US-6359318-\$ or<br>US-6355508-\$ or US-5691234-\$ or<br>US-5191396-\$ or US-4901131-\$ or<br>US-4661838-\$ or US-6329260-\$ or<br>US-5859457-\$ or US-5629558-\$ or<br>US-4485392-\$ or US-5874767-\$ or<br>US-5665994-\$ or US-5801420-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5654574-\$).did. or (US-5397905-\$).did.<br>or (US-20020047125-\$ or US-20020017683-\$<br>or US-20020060341-\$ or US-20020179942-\$ or<br>US-20020158277-\$).did. or (EP-574911-\$ or<br>EP-439899-\$ or EP-252173-\$).did. or<br>(JP-2000164737-\$ or JP-09260520-\$ or<br>JP-08321606-\$ or JP-02122672-\$ or<br>JP-01144683-\$ or JP-58161357-\$ or<br>JP-54146976-\$ or JP-63300553-\$).did. or<br>(RD-359040-\$ or US-6057198-\$ or<br>EP-817387-\$).did.) and farrenkopf.in.<br>"5899714" | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT             | 2003/05/21 15:49 |
| - | 14  | "5899714"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:03 |
| - | 2   | ("5899714").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:04 |
| - | 2   | ("5899714").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:26 |
| - | 0   | ((("5899714").PN.) and deplet\$3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:04 |
| - | 106 | buried adj2 region near15 depletion and<br>(mos or mosfet or fet or field adj effect<br>adj transistor)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:06 |
| - | 66  | buried adj2 region near15 depletion and<br>(mos or mosfet or fet or field adj effect<br>adj transistor).ti,ab,clm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:07 |
| - | 164 | ((257/492) or (257/493)).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:36 |



|   |     |                                                                                                         |                                                         |                  |
|---|-----|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 15  | ((257/492) or (257/493)).CCLS.) and buried near20 deplet\$3                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:52 |
| - | 156 | ((("poly(ethylenedioxythiophene") (PEDT)) and (resistivity or conductivity)                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:57 |
| - | 111 | (pani polyaniline) and ((("poly(ethylenedioxythiophene") (PEDT)) and (resistivity or conductivity)      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:57 |
| - | 2   | ((pani polyaniline) and ((("poly(ethylenedioxythiophene") (PEDT))) near15 (resistivity or conductivity) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/21 21:58 |
| - | 2   | ("4868921").PN.                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/22 10:10 |
| - | 299 | (depletion deplete depleting) adj (layer region) near20 (buried adj (region layer) resurf)              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/22 10:12 |
| - | 187 | (depletion deplete depleting) adj (layer region) near6 (buried adj (region layer) resurf)               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/22 11:39 |
| - | 152 | punch-through near20 depletion near20 (width extend)                                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/22 11:46 |
| - | 8   | punch-through near20 depletion near20 (width extend) near20 (buried resurf)                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/22 13:31 |
| - | 2   | ("5899714").PN.                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 11:46 |
| - | 1   | ((("5899714").PN.) and 36e and (epitaxial epi)                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 11:47 |
| - | 2   | ("5256582").PN.                                                                                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 11:47 |
| - | 2   | ((("5256582").PN.) and (epitaxial epi) and (buried RESURF)                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 14:27 |
| - | 71  | bipolar near2 transistor.ti,ab,clm. and depletion adj (region layer) and withstand adj voltage          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 14:29 |

|   |    |                                                                                                   |                                                         |                  |
|---|----|---------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 14 | bipolar near2 transistor.ti,ab,clm. and depletion adj (region layer) near12 withstand adj voltage | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 16:59 |
| - | 2  | ("6291862").PN.                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 17:00 |
| - | 2  | ("5899714").PN.                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 17:41 |
| - | 2  | ("6051457").PN.                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/23 17:41 |
| - | 0  | ("diode near12 switch.ti.").PN.                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/24 12:53 |
| - | 2  | ("6051457").PN.                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/24 14:04 |
| - | 2  | ("5256582").PN.                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/24 17:11 |
| - | 2  | ("5899714").PN.                                                                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/24 17:11 |
| - | 0  | ("active adj region near3 diode and pin adj diode and substrate").PN.                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/26 12:04 |
| - | 14 | active adj region near3 diode and pin adj diode and substrate                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/26 12:07 |
| - | 42 | active adj region near3 diode and switching.ti,ab,clm.                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/26 12:10 |
| - | 17 | active adj region near3 diode and (diode near3 (switching switch)).ti,ab,clm.                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/05/26 12:11 |

|   |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                             |                  |
|---|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
| - | 78 | (US-6297530-\$ or US-5386136-\$ or<br>US-6288424-\$ or US-6268626-\$ or<br>US-6194760-\$ or US-6225642-\$ or<br>US-6194761-\$ or US-5859457-\$ or<br>US-5801420-\$ or US-6057578-\$ or<br>US-6051457-\$ or US-6060752-\$ or<br>US-5940700-\$ or US-5629558-\$ or<br>US-6271551-\$ or US-6168983-\$ or<br>US-6124615-\$ or US-5907174-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5654574-\$ or US-5545909-\$ or<br>US-5581103-\$ or US-5338961-\$ or<br>US-6252279-\$ or US-6262453-\$).did. or<br>(US-6072216-\$ or US-4485392-\$ or<br>US-5751054-\$ or US-6207994-\$ or<br>US-5256582-\$ or US-6208010-\$ or<br>US-6121640-\$ or US-6236084-\$ or<br>US-6091108-\$ or US-5191396-\$ or<br>US-4901131-\$ or US-4661838-\$ or<br>US-4409606-\$ or US-5899714-\$ or<br>US-6127695-\$ or US-6359318-\$ or<br>US-6355508-\$ or US-5691234-\$ or<br>US-6160304-\$ or US-6404009-\$ or<br>US-6472710-\$ or US-6313484-\$ or<br>US-6236100-\$ or US-6291862-\$ or<br>US-6329260-\$ or US-5256893-\$ or<br>US-5397905-\$).did. or (US-5374843-\$ or<br>US-6307244-\$ or US-5874767-\$ or<br>US-5665994-\$ or US-5777362-\$).did. or<br>(US-20020047125-\$ or US-20020017683-\$ or<br>US-20020060341-\$ or US-20020179942-\$ or<br>US-20020158277-\$ or US-20020084489-\$).did.<br>or (EP-574911-\$ or EP-439899-\$ or<br>EP-252173-\$).did. or (JP-2000164737-\$ or<br>JP-09260520-\$ or JP-08321606-\$ or<br>JP-02122672-\$ or JP-01144683-\$ or<br>JP-58161357-\$ or JP-54146976-\$ or<br>JP-63300553-\$).did. or (RD-359040-\$ or<br>US-6057198-\$ or EP-817387-\$).did. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/05/26 12:17 |
|---|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|

|   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                         |                  |
|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 2 | ((US-6297530-\$ or US-5386136-\$ or<br>US-6288424-\$ or US-6268626-\$ or<br>US-6194760-\$ or US-6225642-\$ or<br>US-6194761-\$ or US-5859457-\$ or<br>US-5801420-\$ or US-6057578-\$ or<br>US-6051457-\$ or US-6060752-\$ or<br>US-5940700-\$ or US-5629558-\$ or<br>US-6271551-\$ or US-6168983-\$ or<br>US-6124615-\$ or US-5907174-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5654574-\$ or US-5545909-\$ or<br>US-5581103-\$ or US-5338961-\$ or<br>US-6252279-\$ or US-6262453-\$).did. or<br>(US-6072216-\$ or US-4485392-\$ or<br>US-5751054-\$ or US-6207994-\$ or<br>US-5256582-\$ or US-6208010-\$ or<br>US-6121640-\$ or US-6236084-\$ or<br>US-6091108-\$ or US-5191396-\$ or<br>US-4901131-\$ or US-4661838-\$ or<br>US-4409606-\$ or US-5899714-\$ or<br>US-6127695-\$ or US-6359318-\$ or<br>US-6355508-\$ or US-5691234-\$ or<br>US-6160304-\$ or US-6404009-\$ or<br>US-6472710-\$ or US-6313484-\$ or<br>US-6236100-\$ or US-6291862-\$ or<br>US-6329260-\$ or US-5256893-\$ or<br>US-5397905-\$).did. or (US-5374843-\$ or<br>US-6307244-\$ or US-5874767-\$ or<br>US-5665994-\$ or US-5777362-\$).did. or<br>(US-20020047125-\$ or US-20020017683-\$ or<br>US-20020060341-\$ or US-20020179942-\$ or<br>US-20020158277-\$ or US-20020084489-\$).did.<br>or (EP-574911-\$ or EP-439899-\$ or<br>EP-252173-\$).did. or (JP-2000164737-\$ or<br>JP-09260520-\$ or JP-08321606-\$ or<br>JP-02122672-\$ or JP-01144683-\$ or<br>JP-58161357-\$ or JP-54146976-\$ or<br>JP-63300553-\$).did. or (RD-359040-\$ or<br>US-6057198-\$ or EP-817387-\$).did.) and<br>ito.in. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/26 12:23 |
|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|

|   |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                  |
|---|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 1    | ((US-6297530-\$ or US-5386136-\$ or<br>US-6288424-\$ or US-6268626-\$ or<br>US-6194760-\$ or US-6225642-\$ or<br>US-6194761-\$ or US-5859457-\$ or<br>US-5801420-\$ or US-6057578-\$ or<br>US-6051457-\$ or US-6060752-\$ or<br>US-5940700-\$ or US-5629558-\$ or<br>US-6271551-\$ or US-6168983-\$ or<br>US-6124615-\$ or US-5907174-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5654574-\$ or US-5545909-\$ or<br>US-5581103-\$ or US-5338961-\$ or<br>US-6252279-\$ or US-6262453-\$).did. or<br>(US-6072216-\$ or US-4485392-\$ or<br>US-5751054-\$ or US-6207994-\$ or<br>US-5256582-\$ or US-6208010-\$ or<br>US-6121640-\$ or US-6236084-\$ or<br>US-6091108-\$ or US-5191396-\$ or<br>US-4901131-\$ or US-4661838-\$ or<br>US-4409606-\$ or US-5899714-\$ or<br>US-6127695-\$ or US-6359318-\$ or<br>US-6355508-\$ or US-5691234-\$ or<br>US-6160304-\$ or US-6404009-\$ or<br>US-6472710-\$ or US-6313484-\$ or<br>US-6236100-\$ or US-6291862-\$ or<br>US-6329260-\$ or US-5256893-\$ or<br>US-5397905-\$).did. or (US-5374843-\$ or<br>US-6307244-\$ or US-5874767-\$ or<br>US-5665994-\$ or US-5777362-\$).did. or<br>(US-20020047125-\$ or US-20020017683-\$ or<br>US-20020060341-\$ or US-20020179942-\$ or<br>US-20020158277-\$ or US-20020084489-\$).did.<br>or (EP-574911-\$ or EP-439899-\$ or<br>EP-252173-\$).did. or (JP-2000164737-\$ or<br>JP-09260520-\$ or JP-08321606-\$ or<br>JP-02122672-\$ or JP-01144683-\$ or<br>JP-58161357-\$ or JP-54146976-\$ or<br>JP-63300553-\$).did. or (RD-359040-\$ or<br>US-6057198-\$ or EP-817387-\$).did.) and<br>mosher.in. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/26 15:39 |
| - | 1    | "4806499".PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT                                                   | 2003/05/26 12:31 |
| - | 1    | "4799098".PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT                                                   | 2003/05/26 12:47 |
| - | 4207 | base near6 emitter near6 bipolar adj<br>transistor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/26 13:00 |
| - | 672  | base near6 emitter near6 bipolar adj<br>transistor and (base near6 (n-type or<br>p-type)) and (emitter near6 (n-type or<br>p-type))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/26 13:01 |
| - | 284  | base near6 emitter near6 bipolar adj<br>transistor and (base near6 (n-type or<br>p-type)) and (emitter near6 (n-type or<br>p-type)) and buried adj (region layer)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/26 13:02 |
| - | 284  | base near6 emitter near6 bipolar adj<br>transistor and (base near6 (n-type or<br>p-type)) and (emitter near6 (n-type or<br>p-type)) and buried adj (region layer)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/26 13:03 |
| - | 255  | base near6 emitter near6 bipolar adj<br>transistor and (base near6 (n-type or<br>p-type)) and (emitter near6 (n-type or<br>p-type)) and buried adj (region layer)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT                                                   | 2003/05/26 13:04 |
| - | 3    | 834954.ap.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/05/26 15:40 |

|   |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                         |                  |
|---|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 2    | ("5256582").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/11/20 09:59 |
| - | 2    | ("20020060341").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/11/19 19:36 |
| - | 29   | antimony near6 conductivity adj type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | USPAT                                                   | 2003/11/20 10:00 |
| - | 81   | (US-4485392-\$ or US-5629558-\$ or<br>US-6168983-\$ or US-5940700-\$ or<br>US-6121640-\$ or US-6060752-\$ or<br>US-6208010-\$ or US-5256582-\$ or<br>US-6329260-\$ or US-4409606-\$ or<br>US-4661838-\$ or US-4901131-\$ or<br>US-5191396-\$ or US-5338961-\$ or<br>US-5581103-\$ or US-5545909-\$ or<br>US-5654574-\$ or US-5742087-\$ or<br>US-5895939-\$ or US-5907174-\$ or<br>US-6124615-\$ or US-6207994-\$ or<br>US-6271551-\$ or US-5751054-\$ or<br>US-5899714-\$ or US-6307244-\$).did. or<br>(US-5256893-\$ or US-5397905-\$ or<br>US-5374843-\$ or US-5777362-\$ or<br>US-5801420-\$ or US-5859457-\$ or<br>US-6194760-\$ or US-6194761-\$ or<br>US-6225642-\$ or US-6288424-\$ or<br>US-6268626-\$ or US-6297530-\$ or<br>US-5665994-\$ or US-5386136-\$ or<br>US-5874767-\$ or US-6252279-\$ or<br>US-6072216-\$ or US-6262453-\$ or<br>US-4495512-\$ or US-5065209-\$ or<br>US-4806499-\$ or US-6236100-\$ or<br>US-6313484-\$ or US-6472710-\$ or<br>US-6404009-\$ or US-6160304-\$ or<br>US-5691234-\$).did. or (US-6355508-\$ or<br>US-6359318-\$ or US-6127695-\$ or<br>US-6051457-\$ or US-6057578-\$ or<br>US-6091108-\$ or US-6236084-\$ or<br>US-6291862-\$).did. or (US-20020084489-\$ or<br>US-20020158277-\$ or US-20020179942-\$ or<br>US-20020060341-\$ or US-20020017683-\$ or<br>US-20020047125-\$).did. or (EP-252173-\$ or<br>EP-439899-\$ or EP-574911-\$).did. or<br>(JP-02122672-\$ or JP-2000164737-\$ or<br>JP-08321606-\$ or JP-09260520-\$ or<br>JP-63300553-\$ or JP-54146976-\$ or<br>JP-58161357-\$ or JP-01144683-\$).did. or<br>(RD-359040-\$ or EP-817387-\$ or<br>US-6057198-\$).did. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT             | 2003/11/24 07:02 |
| - | 2764 | ((257/213) or (257/288) or (257/327) or<br>(257/335) or (257/339) or (257/355) or<br>(257/653) or (257/654)).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT;<br>US-PGPUB                                      | 2003/11/24 07:03 |

|   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |                  |
|---|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 196 | (withstand breakdown) and buried and (hole gap slit) and ((US-4485392-\$ or US-5629558-\$ or US-6168983-\$ or US-5940700-\$ or US-6121640-\$ or US-6060752-\$ or US-6208010-\$ or US-5256582-\$ or US-6329260-\$ or US-4409606-\$ or US-4661838-\$ or US-4901131-\$ or US-5191396-\$ or US-5338961-\$ or US-5581103-\$ or US-5545909-\$ or US-5654574-\$ or US-5742087-\$ or US-5895939-\$ or US-5907174-\$ or US-6124615-\$ or US-6207994-\$ or US-6271551-\$ or US-5751054-\$ or US-5899714-\$ or US-6307244-\$).did. or (US-5256893-\$ or US-5397905-\$ or US-5374843-\$ or US-5777362-\$ or US-5801420-\$ or US-5859457-\$ or US-6194760-\$ or US-6194761-\$ or US-6225642-\$ or US-6288424-\$ or US-6268626-\$ or US-6297530-\$ or US-5665994-\$ or US-5386136-\$ or US-5874767-\$ or US-6252279-\$ or US-6072216-\$ or US-6262453-\$ or US-4495512-\$ or US-5065209-\$ or US-4806499-\$ or US-6236100-\$ or US-6313484-\$ or US-6472710-\$ or US-6404009-\$ or US-6160304-\$ or US-5691234-\$).did. or (US-6355508-\$ or US-6359318-\$ or US-6127695-\$ or US-6051457-\$ or US-6057578-\$ or US-6091108-\$ or US-6236084-\$ or US-6291862-\$).did. or (US-20020084489-\$ or US-20020158277-\$ or US-20020179942-\$ or US-20020060341-\$ or US-20020017683-\$ or US-20020047125-\$).did. or (EP-252173-\$ or EP-439899-\$ or EP-574911-\$).did. or (JP-02122672-\$ or JP-2000164737-\$ or JP-08321606-\$ or JP-09260520-\$ or JP-63300553-\$ or JP-54146976-\$ or JP-58161357-\$ or JP-01144683-\$).did. or (RD-359040-\$ or EP-817387-\$ or US-6057198-\$).did.) ((257/213) or (257/288) or (257/327) or (257/335) or (257/339) or (257/355) or (257/653) or (257/654)).CCLS.)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/24 07:09 |
|---|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|

|   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                         |                  |
|---|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 203 | (withstand breakdown) and buried and (hole gap slit recess indentation) and ((US-4485392-\$ or US-5629558-\$ or US-6168983-\$ or US-5940700-\$ or US-6121640-\$ or US-6060752-\$ or US-6208010-\$ or US-5256582-\$ or US-6329260-\$ or US-4409606-\$ or US-4661838-\$ or US-4901131-\$ or US-5191396-\$ or US-5338961-\$ or US-5581103-\$ or US-5545909-\$ or US-5654574-\$ or US-5742087-\$ or US-5895939-\$ or US-5907174-\$ or US-6124615-\$ or US-6207994-\$ or US-6271551-\$ or US-5751054-\$ or US-5899714-\$ or US-6307244-\$).did. or (US-5256893-\$ or US-5397905-\$ or US-5374843-\$ or US-5777362-\$ or US-5801420-\$ or US-5859457-\$ or US-6194760-\$ or US-6194761-\$ or US-6225642-\$ or US-6288424-\$ or US-6268626-\$ or US-6297530-\$ or US-5665994-\$ or US-5386136-\$ or US-5874767-\$ or US-6252279-\$ or US-6072216-\$ or US-6262453-\$ or US-4495512-\$ or US-5065209-\$ or US-4806499-\$ or US-6236100-\$ or US-6313484-\$ or US-6472710-\$ or US-6404009-\$ or US-6160304-\$ or US-5691234-\$).did. or (US-6355508-\$ or US-6359318-\$ or US-6127695-\$ or US-6051457-\$ or US-6057578-\$ or US-6091108-\$ or US-6236084-\$ or US-6291862-\$).did. or (US-20020084489-\$ or US-20020158277-\$ or US-20020179942-\$ or US-20020060341-\$ or US-20020017683-\$ or US-20020047125-\$).did. or (EP-252173-\$ or EP-439899-\$ or EP-574911-\$).did. or (JP-02122672-\$ or JP-2000164737-\$ or JP-08321606-\$ or JP-09260520-\$ or JP-63300553-\$ or JP-54146976-\$ or JP-58161357-\$ or JP-01144683-\$).did. or (RD-359040-\$ or EP-817387-\$ or US-6057198-\$).did.) ((257/213) or (257/288) or (257/327) or (257/335) or (257/339) or (257/355) or (257/653) or (257/654)).CCLS.)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/24 07:16 |
| - | 3   | 834954.ap.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USPAT;<br>US-PGPUB                                      | 2003/11/24 07:18 |
| - | 118 | (257/493).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB                                      | 2003/11/24 07:19 |



|   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                         |                  |
|---|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|
| - | 81  | (US-6262453-\$ or US-6072216-\$ or<br>US-6252279-\$ or US-5874767-\$ or<br>US-5386136-\$ or US-5665994-\$ or<br>US-6297530-\$ or US-6268626-\$ or<br>US-6288424-\$ or US-6225642-\$ or<br>US-6194761-\$ or US-6194760-\$ or<br>US-5859457-\$ or US-5801420-\$ or<br>US-5777362-\$ or US-5374843-\$ or<br>US-5397905-\$ or US-5256893-\$ or<br>US-6307244-\$ or US-5899714-\$ or<br>US-6291862-\$ or US-6236084-\$ or<br>US-6091108-\$ or US-6057578-\$ or<br>US-6051457-\$ or US-6127695-\$).did. or<br>(US-6359318-\$ or US-6355508-\$ or<br>US-5691234-\$ or US-5751054-\$ or<br>US-6271551-\$ or US-6207994-\$ or<br>US-6124615-\$ or US-5907174-\$ or<br>US-5895939-\$ or US-5742087-\$ or<br>US-5654574-\$ or US-5545909-\$ or<br>US-5581103-\$ or US-5338961-\$ or<br>US-5191396-\$ or US-4901131-\$ or<br>US-4661838-\$ or US-4409606-\$ or<br>US-6329260-\$ or US-5256582-\$ or<br>US-6208010-\$ or US-6060752-\$ or<br>US-6121640-\$ or US-5940700-\$ or<br>US-6168983-\$ or US-5629558-\$ or<br>US-4485392-\$).did. or (US-6404009-\$ or<br>US-6472710-\$ or US-6313484-\$ or<br>US-6160304-\$ or US-6236100-\$ or<br>US-4806499-\$ or US-5065209-\$ or<br>US-4495512-\$).did. or (US-20020047125-\$ or<br>US-20020017683-\$ or US-20020060341-\$ or<br>US-20020158277-\$ or US-20020179942-\$ or<br>US-20020084489-\$).did. or (EP-574911-\$ or<br>EP-439899-\$ or EP-252173-\$).did. or<br>(JP-09260520-\$ or JP-08321606-\$ or<br>JP-2000164737-\$ or JP-01144683-\$ or<br>JP-58161357-\$ or JP-54146976-\$ or<br>JP-63300553-\$ or JP-02122672-\$).did. or<br>(RD-359040-\$ or US-6057198-\$ or<br>EP-817387-\$).did. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT             | 2003/11/24 07:26 |
| - | 363 | (257/339).CCLS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT                                                   | 2003/11/24 07:26 |
| - | 366 | 711/\$6.ccls. and memory adj circuit and<br>chip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USPAT                                                   | 2003/11/24 09:36 |
| - | 0   | jp-08330633\$-\$).did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT                                                   | 2003/12/04 09:42 |
| - | 2   | jp-08330633\$-\$).did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/04 09:45 |
| - | 0   | jp-02000208818\$-\$).did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/04 09:45 |
| - | 2   | jp-2000208818\$-\$).did.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/04 09:57 |
| - | 3   | 834954.ap.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/04 09:57 |
| - | 2   | ("6157002").PN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/04 13:14 |